



# Department of Biomedicine Newsletter



Issue 03/19  
8 February 2019

***Dear colleagues at IBM,***

This week, we celebrated Stein Ove Døskeland's 70<sup>th</sup> birthday. Stein Ove has been one of our most recognized and successful scientists and teachers. His enthusiasm and dedication have been inspiration and guidance for many students and colleagues. I hope that Stein Ove will still be around, also as a mentor and advisor, as many of us would appreciate his tremendous experience.

On Wednesday, we also had the "kick-off" of the grant application season this year. For the next two months, the main focus will be on the applications to be sent to the Research Council of Norway. The RCN has been and will remain our main source of external funding and successful applications are vital to keep our research activities on a high level. We have received quite a few outlines for applications and it is great to see that several of our early stage researchers intend to apply. I call upon our experienced scientists to support these young researchers by giving advice and guidance in shaping excellent applications. Those of our permanent scientific staff who have not yet sent outlines should make an effort to come up with suitable project ideas and develop plans how to put them into attractive research proposals. There is not much time left! Those who have sent outlines will get feedback next week regarding the possibilities for support during the grant writing.

Best wishes,

A handwritten signature in blue ink that reads "Mathias".

# Human Relations

## EVENTS

Visit [this page](#) for an overview of events organized at UiB.

## EMPLOYEE BENEFITS

Go [here](#) to see an overview of benefits for employees at UiB.

## JOBBS

See all open positions at the University of Bergen at [this page](#).

## We welcome these new employees:



**Muntequa Ishtiaq Siraji** started as Staff Engineer with Jim Lorens and Nils Halberg 01 February. This is an externally financed 3-year position.



**Liv Grimstvedt Kvalvik** starts in a 3-year Post Doc position with Jan Haavik 15 February.



**Evelyn Ravnstad** is the new temporary HR consultant from next week. She will be residing at the Department of Biomedicine on Tuesdays and Thursdays.

## We wish farewell to these colleagues:



**Sergei Baryshnikov** resigns from his position as Chief Engineer in Clive Bramham's group and has his last workday on 12 February.



**Asta Optun** has resigned her position as Senior Executive Officer in the administration and has her last workday on 18 February.



**Tor-Arne Hegvik** resigns from his PhD position and has his last workday on 24 February.



**Magali R. van Linden** resigns from her position as Post Doc and has her last workday on 28 February.



**Kjersti Davidsen** resigns from her position as Researcher on the BergGenBio project with James Lorens, and has her last workday on 28 February.



**Oscar Aubi Catevilla** has resigned from his positions as Researcher and has his last workday on 28 February.

## Ferieregnskapet for 2019

*Regnskapet er nå klart og alle ansatte kan begynne med å registrere sine ferieønsker.*

Vi minner om følgende frister:

| Ferie                                               | Frist for søknad | Fastsatt ferie |
|-----------------------------------------------------|------------------|----------------|
| Vinterferie (uke 9)                                 | 01.02.2019       | 15.02.2019     |
| Påskeferie (uke 16)                                 | 01.03.2019       | 15.03.2019     |
| Sommerferie (15.05 – 15.09) minst 3 uker i perioden | 01.04.2019       | 15.04.2019     |
| Høstferie (uke 41)                                  | 15.08.2019       | 01.09.2019     |
| Eventuell restferie                                 | 01.10.2019       | 15.10.2019     |

For mer om ferie, klikk [her](#).

## Vacation for 2019

*Vacation registration for 2019 is now ready, and all employees can start registering their vacation requests.*

Please register within the following deadlines:

| Holiday                                                 | Deadline for request | Fixed holiday |
|---------------------------------------------------------|----------------------|---------------|
| Winter Holiday (week 9)                                 | 01.02.2019           | 15.02.2019    |
| Easter Holiday (week 13)                                | 01.03.2019           | 15.03.2019    |
| Summer holiday (at least 3 weeks between (15.05-15.09)) | 01.04.2019           | 15.04.2019    |
| Autumn Holiday (week 41)                                | 15.08.2019           | 01.09.2019    |
| Any leftover Holidays                                   | 01.10.2019           | 15.10.2019    |

For more information on vacations, click [here](#).

# Operations, Health, and Safety

## Brannkurs for 2019

*Alle ansatte ved UiB skal ha gjennomført brannvernopplæring, teori og praksis.*

Dette er lovfestet i brannloven og HMS-forskriftene. Kurset går over 2 timer: 1 timer teori og 1 time praktisk slukking.

### **Sted: Studentsenteret, Parkveien 1**

21.02.2019, 09:00-11:00, seminarrom B,

21.03.2019, 09:00-11:00, seminarrom B,

25.04.2019, 09:00-11:00, seminarrom B,

23.05.2019, 09:00-11:00-Seminar rom D  
(OBS! Engelsk kurs)

For påmelding, kontakt Bård Sværi:  
[bard.svari@uib.no](mailto:bard.svari@uib.no)

## Fire Safety Course for 2019

*All UiB employees are required to have attended a course in fire safety.*

This is regulated by law and by HSE guidelines. The course lasts for 2 hours: 1 hour of theory and 1 hour of practice.

### **Place: Student Centre, Parkveien 1**

21.02.2019, 09:00-11:00, Seminar Room B,

21.03.2019, 09:00-11:00, Seminar Room B

25.04.2019, 09:00-11:00, Seminar Room B

23.05.2019, 09:00-11:00, Seminar Room D  
**(NOTE! Course in English)**

For registration, contact Bård Sværi:  
[bard.svari@uib.no](mailto:bard.svari@uib.no)

## Sending av pakker med bud

For å få en bedre flyt ber vi om å få informasjon om hvor faktura skal belastes ved sending av pakker med bud.

Ekspedisjonen må få beskjed om hvilket annum eller prosjekt og prosjektaktivitet som skal benyttes.

## Shipping of parcels with courier

In order to provide faster and better services, we ask that you have the information about where to charge shipping of parcels with courier.

The reception must be notified of which annum or project and project activity should be used.

## Forsvunnet julegave

Omkring 12. desember forsvant det en julegave fra 5. etasje.

Dersom noen vet noe om dette, vennligst ta kontakt med Emil Hausvik: [emil.hausvik@uib.no](mailto:emil.hausvik@uib.no)

## Missing christmas gift

Around the 12th of December, a Christmas present disappeared from the 5th floor.

If you have any information about this, please contact Emil Hausvik: [emil.hausvik@uib.no](mailto:emil.hausvik@uib.no).

## Parkering

Det har kommet endringer i parkeringsreglene for universitetet; disse trådte i kraft fra og med 01. februar.

Utfyllende informasjon finner du på [denne](#) nettsiden.

## Parking

Changes have recently been made to the parking regulations at the University. The new rules came into effect on 01 February.

More information can be found [here](#) (Norwegian only).

# Research, Science, and Seminars

## New Publications

The following list is the PubMed search result for ‘Bergen AND Biomedicine’ since the last newsletter. Authors who credit our Department are shown in bold.



If your article is missing, please send the reference to the editor:

[Margarethe.Bittins@uib.no](mailto:Margarethe.Bittins@uib.no).

[Stimulant treatment profiles predicting co-occurring substance use disorders in individuals with attention-deficit/hyperactivity disorder.](#)

Groenman AP, Schweren LJS, Weeda W, Luman M, Noordermeer SDS, Heslenfeld DJ, Franke B, **Faraone SV**, Rommelse N, Hartman CA, Hoekstra PJ, Buitelaar J, Oosterlaan J.  
Eur Child Adolesc Psychiatry. 2019 Feb 5.

[Targeting APLN/APLNR improves anti-angiogenic efficiency and blunts pro-invasive side effects of VEGFA/VEGFR2-blockade in glioblastoma.](#)

Mastrella G, Hou M, Li M, Stoecklein VM, Zdouc N, Volmar MNM, **Miletic H**, Reinhard S, Herold-Mende CC, Kleber S, Eisenhut K, Gargiulo G, Synowitz M, Vescovi AL, Harter PN, Penninger JM, Wagner E, Mittelbronn M, **Bjerkvig R**, Hambardzumyan D, Schüller U, Tonn JC, Radke J, Glass R, Kälin RE.  
Cancer Res. 2019 Feb 4

[Antibodies raised against aldehyde-fixed antigens improve sensitivity for postembedding electron microscopy.](#)

Hussain S, **Fredriksen I**, Ringsevjen H, Kavalali ET, Davanger S.  
J Neurosci Methods. 2019 Jan 28.

[Molecular structure and function of myelin protein P0 in membrane stacking.](#)

**Raasakka A**, Ruskamo S, Kowal J, Han H, **Baumann A**, Myllykoski M, Fasano A, Rossano R, Riccio P, Bürck J, Ulrich AS, Stahlberg H, **Kursula P**.  
Sci Rep. 2019 Jan 24;9(1):642.

[A kinase inhibitor with anti-Pim kinase activity is a potent and selective cytotoxic agent towards acute myeloid leukemia.](#)

Bjørnstad R, Aesoy R, Bruserud Ø, Brenner AK, Giraud F, Dowling TH, Gausdal G, Moreau P, **Døskeland SO**, Anizon F, Herfindal L.  
Mol Cancer Ther. 2019 Jan 24.

[Phenylalanine hydroxylase variants interact with the co-chaperone DNAJC12.](#)

**Jung-Kc K**, Himmelreich N, **Prestegård KS**, **Shi TS**, Scherer T, **Ying M**, **Jorge-Finnigan A**, Thöny B, Blau N, **Martinez A**.  
Hum Mutat. 2019 Jan 22

*Alexander Schug from the Jülich Supercomputing Centre, Germany, will give a talk entitled “Using the computer as a lab: From biomolecular simulations to simulating cancer”.*

Dr. Alexander Schug heads the research group "Computational Structural Biology" at the supercomputing facility at Forschungszentrum Jülich, and a research group at the Karlsruhe Institute of Technology, Germany. His research interests include theoretical biophysics, biomolecular and tissue simulations and high-performance computing. His work has won several awards including a *Google Faculty Research Award 2016* for research into the spatial structure of biomolecules.

**Thursday, February 14, 14.30, Auditorium 4**

## CCBIO seminar

*Diane Bielenberg from the Harvard Medical School in Boston, USA, will give a talk entitled “Targeting neuropilin pathways to inhibit metastasis”.*

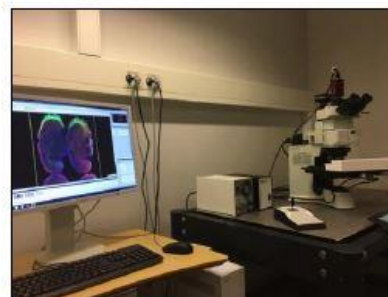
Dr. Diane Bielenberg is an Assistant Professor at Harvard Medical School (HMS) and Boston Children’s Hospital. Her laboratory focuses on growth factor receptors in vascular biology processes including angiogenesis and lymphangiogenesis. In particular, her laboratory investigates the mechanisms related to neuropilins and class 3 semaphorins in cancer biology and tumor (lymph)angiogenesis. In addition to her research, she is involved with teaching and mentoring and has twice received the *HMS Excellence in Tutoring Award*.

**Thursday, February 21, 14.30, Auditorium 4**

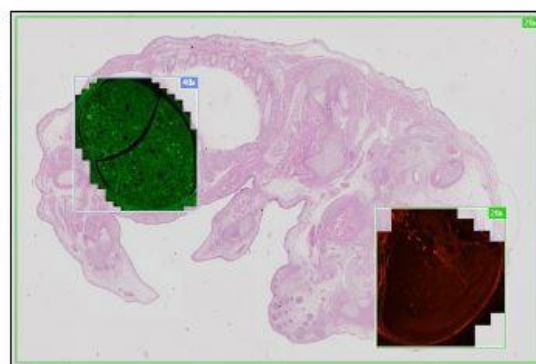
## MIC acquires a new microscope

### Slide scanner microscope at MIC

The latest imaging system in MICs portfolio is ready for use. This system automatically acquires and patches images together to form large overviews of tissue sections or monolayers of cells. It can capture both brightfield and fluorescence and is equipped with air objectives in the range of 4-40x.



The image shows a mouse embryo with a 20x overview in brightfield and smaller areas in green (40x) and red fluorescence (20x).



Please contact MIC for more info.  
[Instrument web page.](#)

## Agreements with academic publishers may expire

Norwegian universities have agreements with several academic publishers on access to scientific literature. Currently, several such agreements are being renegotiated. Norwegian higher education institutions are likely to lose access to several journals from these publishers.

**Springer Nature** and **Taylor & Francis** have confirmed that we keep access to the journals while the negotiations are in progress. **Elsevier** and **Wiley** have not confirmed this.

We suggest that you download any articles that you think you may need in full text and are not available with open access from these publishers. If you don't have access, the authors may be able to share the article, or you can ask the [University library](#) to order a copy.

Read about the status of the negotiations here: <https://site.uit.no/oa/en/home/>

## Horizon Lecture

*Professor Stephanie Combs will give a lecture on The Benefits of Particle Therapy: Individualized concepts based on biology, physics and prospective clinical trials.*

Norway is establishing particle therapy centres for cancer treatment in Oslo and Bergen. Particle therapy, in combination with molecular and digital biomarkers is revolutionizing cancer treatment. A world-leading expert will present recent research and technology development.

The Horizons series is a lecture series for staff and students of The Faculty of Mathematics and Natural Sciences, and for all others that are interested in major scientific questions and/or challenges across disciplinary borders.

Find the event on UiB's web pages:

<https://www.uib.no/en/matnat/124390/prof-stephanie-e-combs-benefits-particle-therapy-cancer-treatment>

**Wednesday 20 February, Auditorium 1, Realfagbygget, Allegt. 41, 16.00**

# PhD Updates

## Disputas: Deusdedit Tusubira



**Trial lecture:** 15 February 2019, 10.15, Auditorium 4, BBB

**Topic:** Mitochondrial measurement in the last 40 years”

**Defense:** Friday 15 February, 12.15, Auditorium 4, BBB

**Thesis title:** A study on features and markers of cellular metabolic rewiring

**The public is invited!**

## Disputas: Tor-Arne Hegvik



**Trial lecture:** 15 February 2019, 10.15, Auditoriet, Armauer Hansens hus, Haukelandsveien 28

**Topic:** How to utilize genetically informative data for causal inference in non-experimental studies

**Defense:** Friday 15 February, 12.15, Auditoriet, Armauer Hansens hus, Haukelandsveien 28

**Thesis title:** Attention-deficit/hyperactivity disorder and autoimmune diseases: etiological relationships and therapeutic possibilities

**The public is invited!**

## CCBIO Jr Scientist Symposium



We are delighted to invite you to the upcoming CCBIO Jr Scientist Symposium, February 14<sup>th</sup>. Professor Inge Jonassen will give an inspirational lecture where he will present his educational path from a young aspiring student to professor and the senior position he now holds. Further, we will hear about professor Jonassen's ongoing research and the new center for data science CEDAS at the University of Bergen. As increasingly more research involves bioinformatics and handling of big data, this lecture should be relevant for most PhD students and postdoctoral fellows.

In addition, local PhD students and Post-docs will present their research on topics including ethics in medicine (Tranvåg), mechanisms of AXL signaling (D'mello Peters, Hellesøy) and the importance of stromal cells in cancer (Dongre, Kjølle).

Please sign up for the symposium (includes free lunch) here:

<https://skjemaker.app.uib.no/view.php?id=6108062>

**14 February**

# Funding Announcements

## **Nytt fra Det medisinske fakultet: Tildeling av rekrutteringsstillinger til eksternfinansierte prosjekter**

*Får du innvilget eksterfinansiering, vil Fakultetet bidra med en rekrutteringsstilling (Ph.d. eller postdoktor)*

Hensikten med dette dokumentet er å synliggjøre hva ansatte ved MED kan forvente i form av rekrutteringsstillinger i forbindelse med søknader til eksterne finansieringskilder. Det er viktig at stillingene synliggjøres som egenandeler i budsjettet som følger søknaden.

### *Kort oppsummert:*

Ved innvilgede prosjekt fra EU, NFR, Kreftforeningen og tilsvarende vil Fakultetet bidra med:

- Tildeling på 6-15 mill NOK: 1 ph.d.-stilling
- Tildeling på 15-25 mill NOK: 2 ph.d.-stillinger
- Tildeling på 25-40 mill NOK: 2 ph.d.-stillinger og 1 rekrutteringsstilling

Les mer om ordningen, særlige ordninger og føringer i brevet fra prodekan for forskning, Marit Bakke:  
<http://vedlegg.uib.no/?id=5292c8d5a4d64cc8b2fccf91c277b921>

## **New from the Faculty of Medicine: Allocation of recruitment positions to externally funded projects**

*If you are granted external funding, the Faculty will contribute with a recruitment position (PhD or postdoctoral fellow)*

The purpose of this document is to highlight what employees at MED can expect in the form of recruitment positions in connection with applications for external funding sources. It is important that these positions are listed as *own funding* in the budget that follows the application.

### *Briefly summarized:*

For granted projects from the EU, the RCN, the Cancer Society or similar, the Faculty will contribute:

- Allocation of NOK 6-15 million: 1 PhD position
- Allocation of NOK 15-25 million: 2 PhD positions
- Allocation of NOK 25-40 million: 2 PhD positions and 1 recruitment position

Read more about the scheme and conditions in the letter from the vice dean of research, Marit Bakke:  
<http://vedlegg.uib.no/?id=5292c8d5a4d64cc8b2fccf91c277b921>

## Current funding announcements/deadlines

### The Research Council of Norway (NFR)

- **FRIPRO** Funding for Researcher Projects, Young Research Talents and Mobility Grants within all disciplines. In light of these common features, RCN will coordinate all calls for proposals for these application types under a single deadline: 10 April 2019. They will also be using the same application requirements and assessment criteria across all programmes and activities.



As a part of this, FRIPRO is now planning a call for proposals for the following application types:

| Application type                       | Requirements relating to the project manager                                                                                          | Project duration                   | Amount sought       |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------|
| <b>Researcher Project</b>              | Approved doctorate or conferral of qualifications at associate professorship level.                                                   | 3-6 years                          | NOK 4-12 million    |
| <b>Young Research Talents</b>          | Minimum 2 and maximum 7 years may have passed since the date of the defence of an approved doctorate. You must be under 40 years old. | 3-4 years                          | NOK 4-8 million     |
| <b>Mobility Grants (Other support)</b> | No more than 7 years may have passed since the date of defence of an approved doctorate. You may apply before you submit your thesis. | 3 years (2 abroad and 1 in Norway) | NOK 3.0-3.9 million |

The following programs will have calls for Researcher Projects:

- [BEDREHELSE](#) NOK 70 million for Researcher Projects contributing to improved public health, increased quality of life and reduction of social inequality in health
- [BEHANDLING](#) NOK 115 million for Researcher Projects in the field of patient-based clinical research
- [HELSEVEL](#) Gode og effektive helse-, omsorgs- og velferdstjenester
- [NANO2021](#) NOK 65 million for Researcher Projects in the fields of nanotechnology, microtechnology and advanced materials
- [NANO2021 NEUTRON](#) Proposed projects must promote national competence-building in the field of neutron research and must provide a good starting point for future utilisation of Norwegian membership of the European Spallation Source (ESS).
- [MARINFORSK](#) Funding for Researcher Projects and Young Research Talents in the field of marine research
- Other programs that announce researcher projects: <https://www.forskningradet.no/en/Page/1254037516675>

**Deadline: 10 April 2019**

## Horizon 2020 – European Research Council ERC Frontier research grants

## Horizon 2020 – Marie Skłodowska Curie Actions (MSCA)

- [MSCA-Research and innovation staff exchange \(RISE\) -2019](#): RISE supports mobility and exchange of research and innovation staff, incl. managerial, technical and administrative staff, between institutions in different sectors in Europe and/or with research institutions in countries outside of Europe. **Deadline: 2 April 2019**



## Societal Challenges (SC): Collaborative breakthrough research and radical innovation

Selected calls from SC1-2018-2019: Health, demographic change and wellbeing:

[SC1-HCO-01-2018-2019-2020: Actions in support of the International Consortium for Personalised Medicine](#)

[BHC-31-2019 - Pilot actions to build the foundations of a human cell atlas](#)

**1 stage, deadline 16 April 2019**

## Joint Programme on Neurodegenerative Disease Research (JPND)

Multinational research projects on Personalised Medicine for Neurodegenerative Diseases. This call, launched in partnership with the European Commission, invites proposals for ambitious, innovative, multinational and multidisciplinary collaborative research projects to change the trajectory of these debilitating diseases through the development of Precision Medicine approaches.

Further information can be found at the [JPI website](#).

**Deadline for pre-proposals: 12 March, 15.00**

## Extrastiftelsen

Announces calls for Health with **deadline 15 March**, and Research with **deadline 1 June**.

## Fondation ARC

Fondation Arc will dedicate up to 1,5 million Euro over a five-year period to bring a high-level researcher from abroad to set-up a research team in a French structure and implement an ambitious translational research project in 2019.

**Deadline 14 March 2019**

## NEW K.G. Jebsen Centres for Medical Research

The Kristian Gerhard Jebsen Foundation calls for proposals for funding for new K.G. Jebsen Centres for Medical Research at Norwegian medical faculties and university hospitals. Read the call text here:

<https://stiftkgj.no/who-we-are/calls-for-applications/?lang=en>

**Deadline: 06 May 2019**



## NEW Bergen Forskningsstiftelse Starting Grant

BFS now calls for proposals for four-year grants beginning in 2020. The programme aims to recruit young, talented, ambitious researchers who desire to build and lead a research group. BFS encourages the University to nominate candidates currently based outside of Norway.



**Application deadline 15 March 2019**

OBS: Internal deadline for nominating candidates: **Friday 10 February**

Internal deadline for submitting project drafts: **28 February** (send to: [Margarethe.Bittins@uib.no](mailto:Margarethe.Bittins@uib.no) )

## Individual Fellowships and Personal Grants

### Research stay abroad for PhD-candidates and Post docs

- [UiB](#) PhD-candidates and Post-docs funded by the Faculty of Medicine, University of Bergen, can apply for travel grants limited to 25.000 nok.  
**Deadline: 1 March and 1 October**
- [Research Council of Norway](#) The offer for a scholarship for research stays abroad applies to PhD candidates and Post Doctors in projects with full or partial funding for the Research Council for a minimum of 24 months. The research stays abroad may last for a minimum of 3 months and a maximum of 12 months.  
**Deadline: continuing**
- [Helse Vest](#): granted for 6 or 12 months. Postdoctoral fellowship applicants are especially encouraged to apply for an overseas fellowship over the course of their fellowship period. Continuing deadline
- [EMBO short-term fellowships](#): research visits of up to three months between laboratories in eligible countries, for active researchers with at least one year experience at the PhD-candidate level.  
**Deadline: continuing**
- [ERASMUS+ staff mobility](#)  
Subsidising mobility of up to two months, for UiB staff including PhD-candidates and post docs, to attend courses or individual laboratory visits. Also have a look at the list of organized [staff mobility weeks](#).  
**Deadline: 20 August and 20 January**

Funding opportunities, presented by the Faculty of Medicine:

External funding opportunities: <http://www.uib.no/en/med/112772/external-funding-opportunities>

Funding opportunities for education: <http://www.uib.no/med/113987/funding-opportunities-education>